

PERSONAL SUMMARY I enjoy the process of learning and teaching others, especially relating to computers or cross-cultural interaction. My varied experiences are downstream of my continued desire to keep learning new ideas from new disciplines.

INTERNSHIP **Summer Program for Undergraduate Research (SPUR)** **May - August 2025**
 Worked with [Professor Jed Brown](#) to implement cross-language inlining on the GPU between Rust and CUDA C++ with LLVM. For more details, see [my website](#).

EDUCATION **University of Colorado-Boulder** GPA: 3.954 **August 2024 - Present**
 Major: B.S. in Computer Science
 Minors: German Studies, Computer Engineering
 Anticipated Graduation: May 2028

Technische Universität Darmstadt (Exchange) **October 2025 - August 2026**
 Academic/cultural exchange year with 75% of classes taken in German.
 Due to academic calendar differences, it was not possible to complete a summer 2026 internship.

SKILLS **Languages:** 🇺🇸 English (Native), 🇩🇪 German (C1), 🇯🇵 Japanese (B1)
Programming Languages: Rust, C, C++, HTML/CSS/Javascript, Python, Nix
Programming Tools: Bash/Linux CLI, nginx LaTeX, Typst, tokio, Bevy, egui
Tutoring: 8 years of tutoring experience in math, English, and computer science
Server Administration: Currently hosting [personal website](#) and [Matrix homeserver](#)

SCHOLARSHIPS **CU Esteemed Scholars - Horace M. Hale**
 Awarded for extraordinary academic achievement in High School

DAAD STIBET 1 (German Academic Exchange Service Scholarship and Support Program)
 Awarded for being the first undergraduate exchange student in the program from CU-Boulder to the TU-Darmstadt

Veralto Scholarship
 Awarded for excellent academic success and leadership in my first two years of college

PROJECTS **rust-game** - a short video game written in Rust with Bevy with a partner for a school project.
 Available as an [open-source WASM web app](#) or [native binary](#).

Soducant (Fast sudoku solver) - A Rust sudoku solver with simulated annealing very quickly.
 Available as a [WASM web app](#) or [library](#)

Many more projects on [my website](#) and [GitHub](#)

